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MP #3:
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Marvin FARLEY* , et al

Assignee: APPLIED MATERIALS, INC.

Title: INDIRECTLY HEATED BUTTON CATHODE FOR AN ION SOURCE

Serial No.: 10/091,351 Confirmation Number Assignment: 7249

Filed: 03/06/2002 Group Art Unit: 2881

Attorney Docket No.: 006126 Examiner: Unknown

Santa Clara, California
June 3, 2002

Box: Missing Parts
ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
Attention: Manager
Applications Division

RESPONSE TO NOTICE TO FILE MISSING PARTS
OF APPLICATION - FILING DATE GRANTED

Sir:

In response to the Notice to File Missing Parts of Application - Filing Date
Granted mailed by the United States Patent and Trademark Office on April 5, 2002, the
following documents are enclosed to complete the filing of the above-identified patent
application:

1. A combined declaration and power of attorney signed by the inventor(s) in
compliance with 37 CFR 1.63 (4 pages);
2. A copy of the Notice to File Missing Parts of Application - Filing Date Granted

The United States Patent and Trademark Office is hereby authorized to charge the
following fees to Deposit Account 50-1074;

1. Filing Fee - Original Patent Application (37 CFR 1.16(a))	\$ 740.00
2. Fees for claims	
x each independent claim in excess of 3 (37 CFR 1.16(f))	\$ 336.00
__ each claim in excess of 20 (37 CFR 1.16(c))	
x each multiple dependent claim (37 CR 1.16(d))	\$ 280.00
x Late Payment of filing fee or late filing of original declaration or oath - (37 CFR 1.16(e))	\$ 130.00
Total Completion Fees	\$1,486.00

3. Applicant petitions for an extension of time, the fees for which are set out in 37 CFR 1.17(a)-(d), for the total number of months checked below:

Extension (Months) Fee for other than Small Entity

<input type="checkbox"/> One Month	\$ 110.00
<input type="checkbox"/> Two Months	\$ 400.00
<input type="checkbox"/> Three Months	\$ 920.00
<input type="checkbox"/> Four Months	\$1,440.00

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If an additional extension of time is required please consider this a petition therefor.

4. The Commissioner is hereby authorized to charge **\$1,486.00** and any additional fees which may be required, or credit any overpayment, to Deposit Account No.50-1074.

It is hereby respectfully submitted that the enclosed documents complete the filing of the above-named patent application and justify the filing date of 03/06/2002 . Please telephone the undersigned at (408) 563-2726 , if there are any questions regarding this matter.

Respectfully submitted,

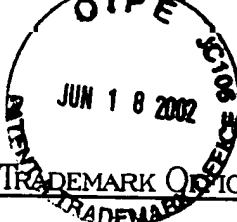
Robert W. Mulcahy
Registration No. 25,436

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner of Patents and Trademarks,
Washington, D.C. 20231 on June 5, 2002

Signature: Jo Cottrell

10/091,351



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/091,351	03/06/2002	Marvin Farley	006126 IMPLANT/ORION/LE

CONFIRMATION NO. 7249

FORMALITIES LETTER



OC000000007800065

Robert Mulcahy, Esq.
Legal Affairs Dept.
Applied Materials, Inc.
Box 450A
Santa Clara, CA 95052

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Date Mailed: 04/05/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$616.
 - \$336 for 4 independent claims over 3 .
 - \$280 for multiple dependent claim surcharge.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 1486.**

06/24/2002 MAHME1 00000117 501074 10091351

01 FC:101	710.00 CH
02 FC:104	280.00 CH
03 FC:102	336.00 CH
04 FC:105	130.00 CH

A copy of this notice MUST be returned with the reply.

Chmiquach

Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE